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AUTO MICRO NIKKOR

continuous focus from closeup to infinity

Nikon Inc. Garden City, N.Y. 11530
Subsidiary of Ehrenreich Photo-Optical Industries, Inc.
FORM NO. NK-3168 PRINTED IN U. S. A.

The Auto Micro Nikkor is probably the sharpest lens available for 35mm photography. But, even more outstanding is its ability to maintain the same, high standard of image resolution for both general and closeup work—at all camera-to-subject distances from infinity to 1:1, and even closer.

No less remarkable than the Auto Micro Nikkor optics is its mechanical design. It provides unique, practical facilities which make it easy to utilize the optical qualities of the lens in every area of application.

AUTO MICRO NIKKOR

55mm f3.5 lens for Nikon F and Nikkormat cameras

Extended Focusing Range The helical system in which the Auto Micro Nikkor is mounted has an extra-long extension range. The lens can be focused from infinity to 9.5″ (film plane to subject), producing a ½-life size image. Use of the M ring, furnished as standard equipment, provides a second focusing range from ½ life size to 1:1.

The lens barrel is engraved with color-coded, easy to read reference scales for both distance and reproduction settings. A depth-of-field scale is also provided.

Deeply recessed into the mount, the Auto Micro Nikkor optics are effectively protected against stray light. All glass-air surfaces are hard-coated.

Automatic Diaphragm The lens is equipped with automatic-reopen diaphragm which remains operative over the entire focusing range, even when using the M-ring. It also has provision for coupling to the Nikon Photomic and Nikkormat meter systems.

1—Focusing ring 2—Magnification scale 3—Focusing scale 4—Aperture ring, with numerical aperture scale 5—Meter coupling 6—Depth-of-field scale
7—Maximum effective closeup apertures 8—Closeup magnification scale 9—Closeup distance scale 10—M ring 11—M ring numerical aperture scale

Photo-Macrography The Auto Micro Nikkor is also designed for photo-macrography (greater than 1:1 reproduction). This involves the use of accessories placed between camera body and lens to provide the needed additional extension. These include the Nikon Bellows Attachments 2 and 3, E-Ring and extension tubes.

The Bellows Attachments offer greatest flexibility. The lens can be mounted directly on the Bellows in the normal position, or in reverse position by means of the BR-2 Macro Ring. Magnification ratios from 08:1 to 4.2:1 are obtainable in this manner, using the Bellows 2, and from 0.6:1 to 3.4:1 with the Bellows 3.

The versatile Repro Copy Outfit accessory provides valuable convenience and handling ease for closeup and macro applications. Even more important, it minimizes the risk of camera vibration during long exposures. The outfit comprises a flat working surface-base, rigid 2-piece upright column, sliding arm and camera bracket. The bracket is adjustable for any camera position from vertical to horizontal.

Bellows Attachment Model 2

Repro Copy Outfit

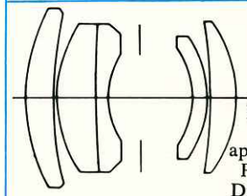
Nikon F Viewfinder Screens Type A, B, E, F, G-2, H-2 and J screens are suitable for general picture-taking with the Auto Micro Nikkor. The Type B and E screens are especially recommended for close-up and macro photography.

Auto Micro Nikkor Applications

	Reproduction ratios	Distance range subject to film
Camera + lens	∞ to 1:2	∞ to 9.5″
Camera + M ring + lens	1:2 to 1:1	9.5″ to 8.4″
Camera + M ring + E ring + lens	1:1.33 to 1.25:1	8.6″ to 8.5″
Camera+Bellows 2+BR-2 ring+lens(reversed)	1.71:1 to 4.29:1	14″ to 9″
Camera+Bellows 3+BR-2 ring+lens(reversed)	1.:5 to 3.4:1*	11.5″ to 8.3″*

*With lens focus set at infinity

Auto Micro Nikkor Specifications



Focal length	55mm
Numerical aperture range	f3.5 to f32
Picture angle	43°
Distance scale	∞ to 9.5″
Magnification scale—lens only	1:10 to 1:2
with M ring	1:2 to 1:1
Filter size	52mm screw-in